

WHAT IS CLAIMED IS:

1. An image editing method comprising the steps  
of:  
instructing to move an arbitrary point of an  
5 image displayed in an image display area among image  
data;  
calculating an image movement amount and a  
magnification ratio in response to the instruction to  
move the arbitrary point; and  
10 displaying a predetermined area of the image  
data in the image display area on the basis of image  
movement amount and the magnification ratio, which  
are calculated in the calculating step.
- 15 2. An image editing method according to claim 1,  
wherein the image display area is an image  
print area indicating an image area to be printed.
3. An image editing method according to claim 2,  
20 further comprising:  
a step of instructing to print the image  
displayed in the image display area.
4. An image editing method according to claim 1,  
25 wherein when it is instructed to move the  
arbitrary point so that an end of the image data in a  
direction opposite to a moving direction is exceeded,

the image is magnified based on an exceeding amount and the magnified image is displayed.

5           5. An image editing method according to claim 1,  
            wherein the predetermined area of the image  
data is displayed in the displaying step so that the  
arbitrary point, whose movement is instructed in the  
instructing step, is moved to a post-movement point  
regardless of the magnification ratio.

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            6. An image editing method according to claim 1,  
            wherein the calculating step calculates the  
image movement amount and the magnification ratio so  
that the arbitrary point, whose movement is  
15   instructed in the instructing step, is moved to the  
post-movement point without generating any margin in  
the image display area.

            7. An image editing method according to claim 1,  
20           wherein while it is instructed in the  
instructing step to move the arbitrary point, the  
displaying step displays the predetermined area of  
the image data in the image display area based on the  
image movement amount and the magnification ratio,  
25   which are calculated in the calculating step.

            8. An image editing method according to claim 1,

wherein while it is instructed in the  
instructing step to move the arbitrary point, the  
displaying step displays the predetermined area of  
the image data in the image display area based on the  
5 image movement amount, which is calculated in the  
calculation step, without changing image size, and

when it is ended that the instructing step  
instructs the movement of the arbitrary point, the  
displaying step displays the predetermined area of  
10 the image data in the image display area based on the  
image movement amount and the magnification ratio,  
which are calculated in the calculating step.

9. An image editing method according to claim 1,  
15 wherein the calculating step calculates the  
magnification ratio based on a post-movement point  
designated during the instruction in the instructing  
step.

20 10. An image editing method according to claim  
1,

wherein the calculating step calculates the  
magnification ratio based on a post-movement point  
designated at a start of the instruction in the  
25 instructing step.

11. An image editing apparatus comprising:

means for instructing to move an arbitrary point of an image displayed in an image display area among image data;

5 means for calculating an image movement amount and a magnification ratio in response to the instruction to move the arbitrary point; and

means for displaying a predetermined area of the image data in the image display area on the basis of the image movement amount and the magnification ratio, which are calculated by the calculating means.  
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12. A program for causing a computer to execute an image editing method, comprising:

instructing to move an arbitrary point of an image displayed in an image display area among image data;  
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calculating an image movement amount and a magnification ratio in response to the instruction to move the arbitrary point; and

20 displaying a predetermined area of the image data in the image display area on the basis of the image movement amount and the magnification ratio, which are calculated in the calculating step.

25 13. A computer-readable recording medium on which a program for causing a computer to execute an image editing method is recorded, the method

comprising:

instructing to move an arbitrary point of an image displayed in an image display area among image data;

5       calculating an image movement amount and a magnification ratio in response to the instruction to move the arbitrary point; and

displaying a predetermined area of the image data in the image display area on the basis of the  
10   image movement amount and the magnification ratio, which are calculated in the calculating step.

14. An image editing method comprising the steps of:

15       performing a trimming process on image data in a trimming mode; and

displaying a grid on an image to be subjected to the trimming process when the trimming mode is set.

20       15. An image editing method according to claim 14,

wherein the trimming step performs the trimming process in accordance with a trimming operation, and

while it is detected that the trimming  
25   operation is performed, the grid displaying step displays the grid on the image.

16. An image editing method according to claim  
14,

wherein grid displaying step displays the grid  
which suggests appropriate framing of a main object  
5 in the image.

17. An image editing method according to claim  
16,

wherein the grid displaying step displays the  
10 grid which divides the image based on a golden  
section.

18. An image editing method according to claim  
17,

15 wherein the grid displaying step displays the  
grid which vertically and horizontally divides the  
image into equal parts.

19. An image editing method according to claim  
20 18,

wherein the grid displaying step displays the  
grid which vertically and horizontally divides the  
image into at least one of three, four, and five  
equal parts.

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20. An image editing method according to claim  
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wherein the grid displaying step displays the grid which is obtained by drawing a diagonal line in a rectangular image and drawing perpendicular lines from remaining vertexes of the image to the diagonal  
5 line.

21. An image editing method according to claim 14,

wherein the grid displaying step is arranged to  
10 switch between displaying and non-displaying of the grid.

22. An image editing method according to claim 14,

15 wherein the trimming step performs the trimming process by changing at least one of a size and a position of the image.

23. An image editing method according to claim  
20 14,

wherein the trimming step is arranged to change at least one of a size and a position of a trimming frame which is displayed on the image to indicate a trimming image area in accordance with a trimming  
25 instruction, and display the trimming frame changed in at least one of the size and the position, and  
the grid displaying step displays the grid in

the trimming frame changed in at least one of the size and the position.

24. An image editing method according to claim  
5 14,

wherein the grid displaying step displays fixedly a trimming image area and the grid in the trimming image area, and

the trimming step is arranged to change an  
10 image in the trimming image area in at least one of a size and a position in accordance with a trimming instruction and display the image changed in at least one of the size and the position.

15 25. An image editing method according to claim 14, wherein the trimming includes:

a step of instructing to move an arbitrary point of an image displayed in an image display area among image data;

20 a step of calculating an image movement amount and a magnification ratio in response to the instruction to move the arbitrary point; and

a step of displaying a predetermined area of the image data in a trimming image display area on  
25 the basis of the image movement amount and the magnification ratio, which are calculated in the calculating step.



26. An image editing method according to claim  
25,

wherein the grid displaying step displays a  
grid that is closest to a point instructed in the  
5 instructing step, out of a plurality of grid  
candidates, in a form that is different from that of  
other grids.

27. An image editing method according to claim  
10 14, further comprising:

a step of instructing to print the image on  
which the trimming process is performed.

28. An image editing method comprising the  
15 steps of:

performing a trimming process on image data in  
a trimming mode; and

displaying, on an image to be subjected to the  
trimming process, a mark suggesting appropriate  
20 framing of a main object in the image, when the  
trimming mode is set.

29. An image editing apparatus comprising:  
means for performing a trimming process on  
25 image data in a trimming mode; and

means for displaying a grid on an image to be  
subjected to the trimming process, when the trimming

mode is set.

30. An image editing apparatus comprising:  
means for performing a trimming process on  
5 image data in a trimming mode; and  
means for displaying, on an image to be  
subjected to the trimming process, a mark suggesting  
suited framing of a main object in the image, when  
the trimming mode is set.

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31. A program for causing a computer to execute  
an image editing method, comprising:  
a trimming module for performing a trimming  
process on image data in a trimming mode; and  
15 a processing module for displaying a grid on an  
image to be subjected to the trimming process, when  
the trimming mode is set.

32. A program for causing a computer to execute  
20 an image editing method, comprising:  
a trimming module for performing a trimming  
process on image data in a trimming mode; and  
a processing module for displaying, on an image  
to be subjected to the trimming process, a mark  
25 suggesting suited framing of a main object in the  
image, when the trimming mode is set.